Author Index to Volume 208

Abbate, M., see L. Soriano 208 (1993) 460
Agafonov, V., R. Céolin, D. André, J. de Bruijn, A. Gonthier-Vassal, H. Szwarc, N. Rodier, J. Dugué, S. Toscani, P.-Y. Sizaret, C. Fabre, V. Greugny and A. Rassat, Fullerene C_{70}, toluene 1:1 solvate: structural and thermodynamic evidences 208 (1993) 68
Agafonov, V., see R. Céolin 208 (1993) 259
Agrawal, P.M., V. Garg and K.R. Patidar, Rotationally inelastic cross sections and the parameters of the potential 208 (1993) 204
Alden, R.G., M. Hayashi, J.P. Allen, N.W. Woodbury, H. Murchison and S.H. Lin, Experimental and theoretical studies of femtosecond time-resolved three-dimensional spectra of photosynthetic reaction centers 208 (1993) 350
Allen, J.P., see R.G. Alden 208 (1993) 350
André, D., see V. Agafonov 208 (1993) 68
André, D., see R. Céolin 208 (1993) 259
Andresen, P., see G. Grünefeld 208 (1993) 369
Anet, F.A.L. and D.I. Freedberg, Traditional averaging of NMR parameters in the fast exchange limit is valid! 208 (1993) 187
Anisimov, O.A., see B.M. Tadjikov 208 (1993) 32
Aruga, K., see K. Hiraoka 208 (1993) 491

Balasubramanian, K., Spectra of matching polynomials 208 (1993) 219
Balasubramanian, K., see S. Roszak 208 (1993) 225
Ballard, J., D. Newnham and M. Page, A novel cryogenic molecular beam. Application to supersonic jet spectroscopy of gases 208 (1993) 295
Barkalov, I.M., A.I. Bolshakov, V.I. Goldanskii and Yu.F. Krupyanskii, Vitrification effects in water–protein systems 208 (1993) 1
Barrie, P.J., Distorted powder lineshapes in ^{27}Al CP/MAS NMR spectroscopy of solids 208 (1993) 486
Bartczak, W.M. and A. Hummel, Formation of singlet and triplet excited states on charge recombination in tracks of high-energy electrons in nonpolar liquids. A computer simulation study 208 (1993) 232
Bauschlicher Jr., C.W. and H. Partridge, An accurate determination of the HO_2 heat of formation 208 (1993) 241
Becker, S., C. Braatz, J. Lindner and E. Tiemann, State specific photodissociation of SO_2 and state selective detection of the SO fragment 208 (1993) 15
Berg, M., see J. Yu 208 (1993) 315
Böhme, M., see A.W. Ehlers 208 (1993) 111
Böhme, M., see A. Höllwarth 208 (1993) 237
Bolshakov, A.I., see I.M. Barkalov 208 (1993) 1
Bond, P., P.N. Brier, J. Fletcher, P.A. Gorry and M.E. Pemble, Reactive scattering of Cl_2 on GaAs (100). Cl_2 and GaCl product distributions 208 (1993) 269
Borgis, D., see C. Mijoule 208 (1993) 364
Bortolani, V., see G.P. Brivio 208 (1993) 93

Botina, J., F. Pichierri and N. Rahman, Isotopic mass as discrete control variable in chaotic processes. The case of molecular vibrations 208 (1993) 153
Böttcher, A., R. Grobecker, T. Greber and G. Ertl, Negative particle emission from a Cs/Ru(0001) surface during exposure to NO and NO_2 208 (1993) 404
Braatz, C., see S. Becker 208 (1993) 15
Branchett, S.E., S.B. Padkjær and J.M. Launay, Quantum dynamical study of the $H+HCl \rightarrow H_2+Cl$ reaction 208 (1993) 523
Brédas, J.L., see C. Quattrocchi 208 (1993) 120
Brier, P.N., see P. Bond 208 (1993) 269
Brivio, G.P., T.B. Grimely, V. Bortolani and G. Santoro, Dynamics of adsorption/desorption of Ne–Cu(111): sticking 208 (1993) 93
Brumer, P., see X.-P. Jiang 208 (1993) 179
Brumer, P., see M. Shapiro 208 (1993) 193
Bryukov, M.G., A.A. Kachanov, R. Timonnen, J. Seetula, J. Vandoren and O.M. Sarkisov, Kinetics of HNO reactions with O_2 and HNO 208 (1993) 392

Callis, P.R., see A.A. Rehms 208 (1993) 276
Capetanakis, F.P., see S. Höser 208 (1993) 399
Cederbaum, L.S., see P. Schmelcher 208 (1993) 548
Céolin, R., see V. Agafonov 208 (1993) 68
Céolin, R., V. Agafonov, D. André, A. Dworkin, H. Szwarc, J. Dugué, B. Keita, L. Nadjo, C. Fabre and A. Rassat, Fullerene C_{60}, $2CCl_4$ solvate. A solid-state study 208 (1993) 259
Chambers, C.C., see T.D. Sewell 208 (1993) 125
Clough, S., A.J. Horsewill and M.R. Johnson, Approximate rotational quantisation and the Pauli principle 208 (1993) 143
Cogdell, R.J., see Y. Koyama 208 (1993) 479
Couris, S., see Ch. Kassner 208 (1993) 27
Creuzet, S. and J. Langlet, Theoretical determination of structural parameters for *s*-triazine and some derivatives. Comparison between ab initio and semi-empirical calculations 208 (1993) 511
Cybo-Ottone, A., S. De Silvestri, V. Magni, M. Nisoli, A.M. Gallazzi, C. Romanoni, G. Zerbi and A. Musco, Femtosecond and picosecond exciton dynamics in poly-alkoxy-thiophene and poly-alkoxy-thiophene–vinylene 208 (1993) 345

Dapprich, S., see A.W. Ehlers 208 (1993) 111
Dapprich, S., see A. Höllwarth 208 (1993) 237
Dawes, J.M. and S.C. Wallace, Excited state proton transfer in jet-cooled 3-hydroxyflavone and its methanol complexes 208 (1993) 335
De Bruijn, J., see V. Agafonov 208 (1993) 68
Degrève, L. and C. Quintale Jr., Structural characteristics of the chlorine ion solvation shell in infinitely dilute aqueous solution 208 (1993) 530
Demuth, C., see P. Felder 208 (1993) 21
Deng, F., see Y. Yue 208 (1993) 311
Denisov, N.N., see V.A. Nadtochenko 208 (1993) 431
De Silvestri, S., see A. Cybo-Ottone 208 (1993) 345
Dugué, J., see V. Agafonov 208 (1993) 68
Dugué, J., see R. Céolin 208 (1993) 259
Dutt, A.K., Asymptotically stable limit cycles in a model of glycolytic oscillations 208 (1993) 139

Dworkin, A., see R. Céolin 208 (1993) 259

Egorov, V.V. and D.V. Makhov, The effects of surfactants in ripple dynamics 208 (1993) 420
Ehlers, A.W., M. Böhme, S. Dapprich, A. Gobbi, A. Höllwarth, V. Jonas, K.F. Köhler, R. Stegmann, A. Veldkamp and G. Frenking, A set of f-polarization functions for pseudo-potential basis sets of the transition metals Sc–Cu, Y–Ag and La–Au 208 (1993) 111
Ehlers, A.W., see A. Höllwarth 208 (1993) 237
Ertl, G., see A. Böttcher 208 (1993) 404
Eryomin, V.V., see I.M. Umanskii 208 (1993) 517
Etzkorn, T., J. Fitzer, S. Muris and J. Wolfrum, Determination of absolute methyl- and hydroxyl-radical concentrations in a low pressure methane–oxygen flame 208 (1993) 307
Eychmüller, A., A. Mews and H. Weller, A quantum dot quantum well: CdS/HgS/CdS 208 (1993) 59

Fabre, C., see V. Agafonov 208 (1993) 68
Fabre, C., see R. Céolin 208 (1993) 259
Fagerström, K., A. Lund, G. Mahmoud, J.T. Jodkowski and E. Ratajczak, Kinetics of the gas-phase reaction between ethyl and hydroxyl radicals 208 (1993) 321
Felder, P. and C. Demuth, Photodissociation of $CFCl_3$ at 193 nm investigated by photofragment translational spectroscopy 208 (1993) 21
Fernández, A. and L. Godínez Mora Tovar, Coarse-grained dynamics for proton exchange in RNA 208 (1993) 148
Fernández, A., see L. Soriano 208 (1993) 460
Feyereisen, M., G. Fitzgerald and A. Komornicki, Use of approximate integrals in ab initio theory. An application in MP2 energy calculations 208 (1993) 359
Fitzer, J., see T. Etzkorn 208 (1993) 307
Fitzgerald, G., see M. Feyereisen 208 (1993) 359
Fletcher, J., see P. Bond 208 (1993) 269
Fournier, T., T.-H. Tran-Thi, N. Herlet and C. Sanchez, Charge transfer dynamics of porphyrin–phthalocyanine heterodimers in hybrid sol–gel films 208 (1993) 101
Fowler, P.W., see G. Orlandi 208 (1993) 441
Freedberg, D.I., see F.A.L. Anet 208 (1993) 187
Frenking, G., see A.W. Ehlers 208 (1993) 111
Frenking, G., see A. Höllwarth 208 (1993) 237
Fuggle, J.C., see L. Soriano 208 (1993) 460
Fujimaki, S., see K. Hiraoka 208 (1993) 491
Funasaka, H., see M. Sakurai 208 (1993) 425

Gallagher, H.G., see T.P.J. Han 208 (1993) 63
Gallazzi, A.M., see A. Cybo-Ottone 208 (1993) 345
Garg, V., see P.M. Agrawal 208 (1993) 204
Geudtner, G., see K. Jug 208 (1993) 537
Gobbi, A., see A.W. Ehlers 208 (1993) 111
Gobbi, A., see A. Höllwarth 208 (1993) 237
Godínez Mora Tovar, L., see A. Fernández 208 (1993) 148
Goldanskii, V.I., see I.M. Barkalov 208 (1993) 1
Goldman, S., see C.G. Joslin 208 (1993) 86
Gonthier-Vassal, A., see V. Agafonov 208 (1993) 68

González-Elipe, A.R., see L. Soriano 208 (1993) 460
Görner, H., see L. Sun 208 (1993) 43
Gorry, P.A., see P. Bond 208 (1993) 269
Goudsmit, G.-H. and H. Paul, Time-resolved EPR investigation of triplet state C_{60}. Triplet–triplet annihilation, CIDEP, and quenching by nitroxide radicals 208 (1993) 73
Gray, C.G., see C.G. Joslin 208 (1993) 86
Greber, T., see A. Böttcher 208 (1993) 404
Greugny, V., see V. Agafonov 208 (1993) 68
Grimely, T.B., see G.P. Brivio 208 (1993) 93
Grobecker, R., see A. Böttcher 208 (1993) 404
Grünefeld, G. and P. Andresen, LIF imaging applied to the photodissociation of polyatomic molecules 208 (1993) 369
Güttler, F., see M. Pirotta 208 (1993) 379
Gygax, H., see M. Pirotta 208 (1993) 379

Hamaguchi, H. and K. Iwata, Exchange model of vibrational dephasing in S_1 trans-stilbene in solution and its possible correlation with the isomerization reaction 208 (1993) 465
Hamilton, T.P., Y. Xie and H.F. Schaefer III, HP_4^-: the monoconjugate base from tetraphosphabicyclobutane. Evidence for an exo ground state conformation in the gas phase 208 (1993) 106
Han, T.P.J., M.A. Scott, F. Jaqué, H.G. Gallagher and B. Henderson, Nd^{3+}–Cr^{3+} pairs in $Gd_3Sc_2Ga_3O_{12}$ garnet crystals 208 (1993) 63
Hanazaki, I., see M. Takayanagi 208 (1993) 5
Haritakis, S., see Ch. Kassner 208 (1993) 27
Hayashi, M., see R.G. Alden 208 (1993) 350
Heath, J.R. and F.K. LeGoues, A liquid solution synthesis of single crystal germanium quantum wires 208 (1993) 263
Heinrich, P., see Ch. Kassner 208 (1993) 27
Henderson, B., see T.P.J. Han 208 (1993) 63
Herlet, N., see T. Fournier 208 (1993) 101
Hester, R.E., P. Matousek, J.N. Moore, A.W. Parker, W.T. Toner and M. Towrie, Vibrational mode-selective effects in the picosecond time-resolved resonance Raman spectrum of singlet excited trans-stilbene 208 (1993) 471
Hiraoka, K., S. Fujimaki, K. Aruga and S. Yamabe, Bond strengths of the gas-phase cluster ions $X^-(CS_2)_n$ (X=F, Cl, Br and I) 208 (1993) 491
Hirota, F., M. Tanimoto and H. Tokiwa, Ab initio study on the AlOH/HAlO system 208 (1993) 115
Hobza, P., R. Zahradník and D. Smith, Reactions between H_3^+ and rare gas atoms 208 (1993) 497
Hoffman, D.K., see X. Ma 208 (1993) 207
Höllwarth, A., see A.W. Ehlers 208 (1993) 111
Höllwarth, A., M. Böhme, S. Dapprich, A.W. Ehlers, A. Gobbi, V. Jonas, K.F. Köhler, R. Stegmann, A. Veldkamp and G. Frenking, A set of d-polarization functions for pseudopotential basis sets of the main group elements Al–Bi and f-type polarization functions for Zn, Cd, Hg 208 (1993) 237
Horsewill, A.J., see S. Clough 208 (1993) 143
Höser, S., F.P. Capetanakis, Ch. Kassner and F. Stuhl, Temperature-dependent kinetics of the quenching of $O(^1S)$ by simple alkanes, C_2H_2 and C_2H_4 208 (1993) 399
Hu, H., see Y. Yue 208 (1993) 311
Hummel, A., see W.M. Bartczak 208 (1993) 232

Itaya, A., see H. Sakai 208 (1993) 283
Ito, H., K. Suzuki, T. Kondow and K. Kuchitsu, An analysis of the $B^2\Sigma^+$–$X^2\Sigma^+$ emission of SiN. Dependence of the electronic transition moment on the Si–N internuclear distance 208 (1993) 328
Ito, M., see Y. Nakagawa 208 (1993) 453
Iwata, K., see H. Hamaguchi 208 (1993) 465

Jaqué, F., see T.P.J. Han 208 (1993) 63
Jiang, X.-P. and P. Brumer, A useful measure of quantum state impurity 208 (1993) 179
Jodkowski, J.T., see K. Fagerström 208 (1993) 321
Johnson, M.R., see S. Clough 208 (1993) 143
Jonas, V., see A.W. Ehlers 208 (1993) 111
Jonas, V., see A. Höllwarth 208 (1993) 237
Joslin, C.G., J. Yang, C.G. Gray, S. Goldman and J.D. Poll, Infrared rotation and vibration–rotation bands of endohedral fullerene complexes. Absorption spectrum of $Li^+@C_{60}$ in the range 1–1000 cm 208 (1993) 86
Ju, Q., see X. Wang 208 (1993) 290
Jug, K. and G. Geudtner, Binding energies and bond distances of ion crystal clusters 208 (1993) 537

Kachanov, A.A., see M.G. Bryukov 208 (1993) 392
Kameyama, T., see Y. Koyama 208 (1993) 479
Kanik, I., M. Ratliff and S. Trajmar, Electron-impact excitation of the B $^1\Sigma^+$, C $^1\Sigma^+$ and E $^1\Pi$ states of CO at 100 eV 208 (1993) 341
Kassner, Ch., P. Heinrich, F. Stuhl, S. Couris and S. Haritakis, Fragments in the UV photolysis of the CH_3 and CH_3O_2 radicals 208 (1993) 27
Kassner, Ch., see S. Höser 208 (1993) 399
Kawata, S., see H. Sakai 208 (1993) 283
Keita, B., see R. Céolin 208 (1993) 259
King, D.A., see L.D. Mapledoram 208 (1993) 409
Kishimoto, Y., see M. Sakurai 208 (1993) 425
Knöckel, H., M. Renger and E. Tiemann, UV multiphoton dissociation of $SbBr_3$ 208 (1993) 10
Kochur, A.G., S.A. Novikov and V.L. Sukhorukov, Method of calculation of molecular Auger spectra based on one-centre decomposition of MO LCAO 208 (1993) 541
Kochur, A.G., see S.A. Novikov 208 (1993) 545
Köhler, K.F., see A.W. Ehlers 208 (1993) 111
Köhler, K.F., see A. Höllwarth 208 (1993) 237
Kohn, W., Density functional/Wannier function theory for systems of very many atoms 208 (1993) 167
Koma, A., see M. Sakurai 208 (1993) 425
Komornicki, A., see M. Feyereisen 208 (1993) 359
Kondow, T., see H. Ito 208 (1993) 328
Kong, F., see X. Wang 208 (1993) 290
Korchowiec, J. and P. Kowalski, Charge polarization of molecular systems. Charge sensitivity and MNDO study 208 (1993) 135
Koski, W.S., see S. Roszak 208 (1993) 225
Kouri, D.J., see X. Ma 208 (1993) 207
Kowalski, P., see J. Korchowiec 208 (1993) 135

Koyama, Y., Y. Miki, T. Kameyama, R.J. Cogdell and Y. Watanabe, Low-lying electronic levels of spheroidene bound to the light-harvesting (LH2) complex of *Rhodobacter sphaeroides* 2.4.1 as determined by fluorescence and fluorescence–excitation spectroscopy at 170 K 208 (1993) 479
Krupyanskii, Yu.F., see I.M. Barkalov 208 (1993) 1
Kuchitsu, K., see H. Ito 208 (1993) 328
Kudo, A., see N. Saito 208 (1993) 39
Kuhn, A., see R. Lapouyade 208 (1993) 48
Kumar, A., R.K. Vatsa, P.D. Naik, K.V.S. Rama Rao and J.P. Mittal, Infrared fluorescence from nascent CO_2 and COF_2 photoproducts in IR multiphoton dissociation of trifluoroacetic acid 208 (1993) 385
Kunttu, H., see J. Lundell 208 (1993) 247

Langlet, J., see S. Creuzet 208 (1993) 511
Lapouyade, R., A. Kuhn, J.-F. Letard and W. Rettig, Multiple relaxation pathways in photoexcited dimethylaminonitro- and dimethylaminocyano-stilbenes 208 (1993) 48
Latajka, Z., see C. Mijoule 208 (1993) 364
Launay, J.M., see S.E. Branchett 208 (1993) 523
Lazzaroni, R., see C. Quattrocchi 208 (1993) 120
LeGoues, F.K., see J.R. Heath 208 (1993) 263
Lepetit, M.-B. and J.-P. Malrieu, A self-consistent, non-divergent evaluation of second-order correlation energies 208 (1993) 503
Letard, J.-F., see R. Lapouyade 208 (1993) 48
Levine, R.D., see T.D. Sewell 208 (1993) 125
Li, H., see X. Wang 208 (1993) 290
Lin, S.H., see R.G. Alden 208 (1993) 350
Lin, Z., see Y. Yue 208 (1993) 311
Lindner, J., see S. Becker 208 (1993) 15
Lobach, A.S., see V.A. Nadtochenko 208 (1993) 431
Lund, A., see K. Fagerström 208 (1993) 321
Lundell, J., J. Nieminen and H. Kunttu, All-electron and effective core potential studies on ground state ArH^+, KrH^+ and XeH^+ ions 208 (1993) 247

Ma, X., D.J. Kouri and D.K. Hoffman, Monte Carlo evaluation of real time Feynman path integrals using distributed approximating functions. Modified-Cayley versus symmetric split-operator formalism 208 (1993) 207
Magni, V., see A. Cybo-Ottone 208 (1993) 345
Mahmoud, G., see K. Fagerström 208 (1993) 321
Makhov, D.V., see V.V. Egorov 208 (1993) 420
Malrieu, J.-P., see M.-B. Lepetit 208 (1993) 503
Manolopoulos, D.E., see G. Orlandi 208 (1993) 441
Mapledoram, L.D., A. Wander and D.A. King, Breakdown of adsorbate site assignment from vibrational frequencies. NO on Ni(111) re-visited by tensor LEED 208 (1993) 409
Masuhara, H., see H. Sakai 208 (1993) 283
Matousek, P., see R.E. Hester 208 (1993) 471
Mercouris, T., I.D. Petsalakis and C.A. Nicolaides, Time-dependent laser-induced molecular formation from repulsive surfaces 208 (1993) 197

Mews, A., see A. Eychmüller 208 (1993) 59
Mijoule, C., Z. Latajka and D. Borgis, Density functional theory applied to proton-transfer systems. A numerical test 208 (1993) 364
Miki, Y., see Y. Koyama 208 (1993) 479
Mikušík, P., see Š. Pick 208 (1993) 97
Mittal, J.P., see A. Kumar 208 (1993) 385
Molin, Yu.N., see B.M. Tadjikov 208 (1993) 32
Moore, J.N., see R.E. Hester 208 (1993) 471
Moravskii, A.P., see V.A. Nadtochenko 208 (1993) 431
Murchison, H., see R.G. Alden 208 (1993) 350
Muris, S., see T. Etzkorn 208 (1993) 307
Musco, A., see A. Cybo-Ottone 208 (1993) 345

Nadjo, L., see R. Céolin 208 (1993) 259
Nadtochenko, V.A., N.N. Denisov, I.V. Rubtsov, A.S. Lobach and A.P. Moravskii, Photochemical properties of C_{60}. Triplet-excited C_{60} quenching by electron acceptors TCNQ and TCNE in solution. Laser photolysis study 208 (1993) 431
Naik, P.D., see A. Kumar 208 (1993) 385
Nakagawa, Y., I. Suzuka and M. Ito, Electronic spectra of pyridine N-oxide in a supersonic jet. A very stable He complex? 208 (1993) 453
Newnham, D., see J. Ballard 208 (1993) 295
Nicolaides, C.A., see T. Mercouris 208 (1993) 197
Nieminen, J., see J. Lundell 208 (1993) 247
Nisoli, M., see A. Cybo-Ottone 208 (1993) 345
Novikov, S.A., see A.G. Kochur 208 (1993) 541
Novikov, S.A., A.G. Kochur and V.L. Sukhorukov, Double ionization satellites in KVV Auger spectra of the HF and CO molecules 208 (1993) 545

Ohshima, S., see N. Saito 208 (1993) 39
Oonishi, I., see N. Saito 208 (1993) 39
Orlandi, G., F. Zerbetto, P.W. Fowler and D.E. Manolopoulos, The electronic structure and vibrational frequencies of the stable C_{76} isomer of D_2 symmetry 208 (1993) 441
Ottinger, Ch., A.F. Vilesov and T. Winkler, Laser-induced phosphorescence of jet-cooled pyrimidine 208 (1993) 299

Padkjær, S.B., see S.E. Branchett 208 (1993) 523
Page, M., see J. Ballard 208 (1993) 295
Parker, A.W., see R.E. Hester 208 (1993) 471
Partridge, H., see C.W. Bauschlicher Jr. 208 (1993) 241
Patidar, K.R., see P.M. Agrawal 208 (1993) 204
Paul, H., see G.-H. Goudsmit 208 (1993) 73
Pemble, M.E., see P. Bond 208 (1993) 269
Persson, B.N.J., see R. Zenobi 208 (1993) 414
Petsalakis, I.D., see T. Mercouris 208 (1993) 197
Pichierri, F., see J. Botina 208 (1993) 153
Pick, Š. and P. Mikušík, Tight-binding study of the electronic structure of Pd and Pt overlayers on W (011). The role of s electrons 208 (1993) 97

Pirotta, M., F. Güttler, H. Gygax, A. Renn, J. Sepiol and U.P. Wild, Single molecule spectroscopy. Fluorescence-lifetime measurements of pentacene in *p*-terphenyl 208 (1993) 379
Poll, J.D., see C.G. Joslin 208 (1993) 86

Quack, M., U. Schmitt and M.A. Suhm, Evidence for the $(HF)_5$ complex in the HF stretching FTIR absorption spectra of pulsed and continuous supersonic jet expansions of hydrogen fluoride 208 (1993) 446
Quattrocchi, C., R. Lazzaroni and J.L. Brédas, Theoretical investigation of the conformational behavior of 2,2′-bithiophene 208 (1993) 120
Quintale Jr., C., see L. Degrève 208 (1993) 530

Raghavachari, K. and C.M. Rohlfing, Isomers of C_{78}. Competition between electronic and steric factors 208 (1993) 436
Rahman, N., see J. Botina 208 (1993) 153
Rama Rao, K.V.S., see A. Kumar 208 (1993) 385
Rassat, A., see V. Agafonov 208 (1993) 68
Rassat, A., see R. Céolin 208 (1993) 259
Ratajczak, E., see K. Fagerström 208 (1993) 321
Ratliff, M., see I. Kanik 208 (1993) 341
Rehms, A.A. and P.R. Callis, Two-photon fluorescence excitation spectra of aromatic amino acids 208 (1993) 276
Renger, M., see H. Knöckel 208 (1993) 10
Renn, A., see M. Pirotta 208 (1993) 379
Rettig, W., see R. Lapouyade 208 (1993) 48
Rodier, N., see V. Agafonov 208 (1993) 68
Rohlfing, C.M., see K. Raghavachari 208 (1993) 436
Romanoni, C., see A. Cybo-Ottone 208 (1993) 345
Roszak, S., M. Vijayakumar, K. Balasubramanian and W.S. Koski, A multireference configuration interaction study of photoelectron spectra of carbon tetrahalides 208 (1993) 225
Rubtsov, I.V., see V.A. Nadtochenko 208 (1993) 431
Ruoff, R.S., see Y. Wang 208 (1993) 79
Ruoff, R.S., Prediction of enthalpies of sublimation of fullerenes from first-order molecular connectivity theory 208 (1993) 256

Sacchi, M., see L. Soriano 208 (1993) 460
Saiki, K., see M. Sakurai 208 (1993) 425
Saito, N., A. Kudo, S. Ohshima, I. Oonishi and T. Sakata, Electroluminescence of Al_2O_3 electrode modified with fine particulate semiconductors 208 (1993) 39
Sakai, H., A. Itaya, H. Masuhara, K. Sasaki and S. Kawata, Fluorescence dynamics of poly(N-vinylcarbazole) in fluid solution. Multivariate analysis of time-resolved fluorescence spectra 208 (1993) 283
Sakata, T., see N. Saito 208 (1993) 39
Sakurai, M., H. Tada, K. Saiki, A. Koma, H. Funasaka and Y. Kishimoto, Epitaxial growth of C_{60} and C_{70} films on GaSe (0001) and MoS_2 (0001) surfaces 208 (1993) 425
Sanchez, C., see T. Fournier 208 (1993) 101
Santoro, G., see G.P. Brivio 208 (1993) 93
Sanz, J.M., see L. Soriano 208 (1993) 460

Sarkisov, O.M., see M.G. Bryukov 208 (1993) 392
Sasaki, K., see H. Sakai 208 (1993) 283
Schaefer III, H.F., see T.P. Hamilton 208 (1993) 106
Schmelcher, P. and L.S. Cederbaum, Two-body effects of the hydrogen atom in crossed electric and magnetic fields 208 (1993) 548
Schmitt, U., see M. Quack 208 (1993) 446
Scott, M.A., see T.P.J. Han 208 (1993) 63
Seetula, J., see M.G. Bryukov 208 (1993) 392
Sepiol, J., see M. Pirotta 208 (1993) 379
Sewell, T.D., C.C. Chambers, D.L. Thompson and R.D. Levine, Power spectral study of the classical vibrational dynamics of RDX 208 (1993) 125
Shapiro, M. and P. Brumer, Weak field optimal control over product yields. The pump–dump scenario 208 (1993) 193
Shushin, A.I., The relaxational mechanism of net CIDEP generation in triplet–radical quenching 208 (1993) 173
Sizaret, P.-Y., see V. Agafonov 208 (1993) 68
Smith, D., see P. Hobza 208 (1993) 497
Soriano, L., M. Abbate, J. Vogel, J.C. Fuggle, A. Fernández, A.R. González-Elipe, M. Sacchi and J.M. Sanz, The electronic structure of mesoscopic NiO particles 208 (1993) 460
Stegmann, R., see A.W. Ehlers 208 (1993) 111
Stegmann, R., see A. Höllwarth 208 (1993) 237
Stuhl, F., see Ch. Kassner 208 (1993) 27
Stuhl, F., see S. Höser 208 (1993) 399
Suhm, M.A., see M. Quack 208 (1993) 446
Sukhorukov, V.L., see A.G. Kochur 208 (1993) 541
Sukhorukov, V.L., see S.A. Novikov 208 (1993) 545
Sun, L. and H. Görner, Trans→cis photoisomerization of 1-(9-anthryl)-2-(4-R-phenyl)ethylene, R: CH_3 and OCH_3 208 (1993) 43
Suzuka, I., see Y. Nakagawa 208 (1993) 453
Suzuki, K., see H. Ito 208 (1993) 328
Symons, M.C.R., Comment on "The evolution between slow and rapid chemical exchange processes in a liquid binary mixture" 208 (1993) 555
Szwarc, H., see V. Agafonov 208 (1993) 68
Szwarc, H., see R. Céolin 208 (1993) 259

Tada, H., see M. Sakurai 208 (1993) 425
Tadjikov, B.M., O.A. Anisimov and Yu.N. Molin, OD ESR line inversion in viscous solution. Indication of ST_- mechanism of radical ion pair recombination 208 (1993) 32
Takayanagi, M. and I. Hanazaki, Observation of intermolecular vibrational modes in the 2,3-dihydrobenzofuran dimer 208 (1993) 5
Tanimoto, M., see F. Hirota 208 (1993) 115
Thompson, D.L., see T.D. Sewell 208 (1993) 125
Tian, S., see Y. Yue 208 (1993) 311
Tiemann, E., see H. Knöckel 208 (1993) 10
Tiemann, E., see S. Becker 208 (1993) 15
Timonnen, R., see M.G. Bryukov 208 (1993) 392
Tokiwa, H., see F. Hirota 208 (1993) 115

Tománek, D., see Y. Wang 208 (1993) 79
Toner, W.T., see R.E. Hester 208 (1993) 471
Toscani, S., see V. Agafonov 208 (1993) 68
Towrie, M., see R.E. Hester 208 (1993) 471
Trajmar, S., see I. Kanik 208 (1993) 341
Tran-Thi, T.-H., see T. Fournier 208 (1993) 101

Umanskii, I.M., S.I. Vetchinkin and V.V. Eryomin, Quasiclassical dynamics of a wave-packet prepared by the resonant excitation of a diatomic molecule 208 (1993) 517

Vandoren, J., see M.G. Bryukov 208 (1993) 392
Vatsa, R.K., see A. Kumar 208 (1993) 385
Veldkamp, A., see A.W. Ehlers 208 (1993) 111
Veldkamp, A., see A. Höllwarth 208 (1993) 237
Vetchinkin, S.I., see I.M. Umanskii 208 (1993) 517
Vijayakumar, M., see S. Roszak 208 (1993) 225
Vilesov, A.F., see Ch. Ottinger 208 (1993) 299
Vogel, J., see L. Soriano 208 (1993) 460
Volokitin, A.I., see R. Zenobi 208 (1993) 414

Walch, S.P., Characterization of the minimum energy path for $CH(X\,^2\Pi)+N_2(X\,^1\Sigma_g^+)\rightarrow HCN(X\,^1\Sigma^+)+N(^4S)$ 208 (1993) 214
Wallace, S.C., see J.M. Dawes 208 (1993) 335
Wander, A., see L.D. Mapledoram 208 (1993) 409
Wang, X., H. Li, Q. Ju, Q. Zhu and F. Kong, The vibrational quenching of NO(v=1–11) by N_2O studied by time-resolved Fourier transform infrared emission spectroscopy 208 (1993) 290
Wang, Y., D. Tománek and R.S. Ruoff, Stability of M@C_{60} endohedral complexes 208 (1993) 79
Watanabe, Y., see Y. Koyama 208 (1993) 479
Weller, H., see A. Eychmüller 208 (1993) 59
Wheatley, R.J., A new distributed multipole procedure for linear molecules 208 (1993) 159
Wild, U.P., see M. Pirotta 208 (1993) 379
Winkler, T., see Ch. Ottinger 208 (1993) 299
Wolfrum, J., see T. Etzkorn 208 (1993) 307
Woodbury, N.W., see R.G. Alden 208 (1993) 350

Xie, Y., see T.P. Hamilton 208 (1993) 106
Xu, J., see R. Zenobi 208 (1993) 414

Yamabe, S., see K. Hiraoka 208 (1993) 491
Yang, J., see C.G. Joslin 208 (1993) 86
Yarwood, J., Reply to Comment on "The evolution between slow and rapid chemical exchange processes in a liquid binary mixture" 208 (1993) 557
Yates Jr., J.T., see R. Zenobi 208 (1993) 414
Ye, C., see Y. Yue 208 (1993) 311
Yu, J. and M. Berg, Resorufin as a probe for the dynamics of solvation by hydrogen bonding 208 (1993) 315
Yue, Y., F. Deng, H. Hu, C. Ye, Z. Lin and S. Tian, ^{31}P NMR study of the solid solution system $Li_{1+x}T_{2-x}In_xP_3O_{12}$ 208 (1993) 311

Zahradník, R., see P. Hobza 208 (1993) 497
Zenobi, R., J. Xu, J.T. Yates Jr., B.N.J. Persson and A.I. Volokitin, FTIR overtone spectroscopy on surfaces. The C–O mode in chemisorbed methoxy on Ni(111) 208 (1993) 414
Zerbetto, F., see G. Orlandi 208 (1993) 441
Zerbi, G., see A. Cybo-Ottone 208 (1993) 345
Zhu, Q., see X. Wang 208 (1993) 290